

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-9 (canceled)

10. (currently amended) A glow plug (1) comprising:
a pressure sensor (90) adapted to measure the internal
pressure of the cylinder of an engine in which the glow plug (1)
is accommodated a body (10) adapted to be fixed to the engine,
and a finger (20) in which a pre-heating electrode is
accommodated,

wherein the pressure sensor (90) is connected to the
body (10) by the pressure sensor's upper surface and bears
against the finger (20) via of a spacer (80), such that the
pressure exerted on the finger (20) compresses the sensor against
the body (10), and A glow plug (1) according to claim 9,
characterized in that

the spacer (80) is formed from a material of which the
spacer's ~~its~~ own vibration mode is beyond the bandwidth of the
sensor (90).

11. (currently amended) The A glow plug (1) according
to claim 10, characterized in that wherein the spacer (80) is
of ceramic.

12. (canceled)

13. (previously presented) The A—glow plug (1)
according to claim 12 10, further comprising: characterized in
that

a nut (50) is screwed to the body (10) and compresses
the sensor (90) so as to connect the sensor to the body (10),
wherein the screw thread of the nut (50) is formed on
the nut's its—outer periphery and cooperates with a screw thread
formed on the inner surface of the side walls (110) of a cavity
(100) in which the sensor (90) is accommodated.

14. (canceled)

15. (currently amended) An internal combustion engine
comprising:

at least one cylinder; and
one glow plug (1) according to claim 9, comprising:
a pressure sensor (90) adapted to measure the internal
pressure of the cylinder of an engine in which the glow plug (1)
is accommodated a body (10) adapted to be fixed to the engine,
and a finger (20) in which a pre-heating electrode is
accommodated,

wherein the pressure sensor (90) is connected to the body (10) by the pressure sensor's upper surface and bears against the finger (20) via of a spacer (80), such that the pressure exerted on the finger (20) compresses the sensor against the body (10), and

the spacer (80) is formed from a material of which the spacer's its own vibration mode is beyond the bandwidth of the sensor (90),

wherein in which the pressure sensor (90) is adapted to measure the internal pressure of the cylinder in which the glow plug (1) is accommodated, and in which the body (10) is fixed to the engine.

16. (currently amended) The Aglow plug (1) according to claim 10, ~~characterized in that~~ wherein a nut (50) is screwed to the body (10) and compresses the sensor (90) so as to connect ~~it~~the sensor to the body (10).

17. (currently amended) The Aglow plug (1) according to claim 11, ~~characterized in that~~ wherein a nut (50) is screwed to the body (10) and compresses the sensor (90) so as to connect ~~it~~the sensor to the body (10).

18. (canceled)

19. (currently amended) The A-glow plug (1) according to claim 17, ~~characterized in that~~ wherein the screw thread of the nut (50) is formed on the nut's ~~its~~ outer periphery and cooperates with a screw thread formed on the inner surface of the side walls (110) of a cavity (100) in which the sensor (90) is accommodated.